

Introduction

Ultra Low Torque, Elegant, Durable, Corrosion Resistance

Full Flow, PTFE Ball sealing, Low Torque Can Use the Handle Regulating Valve Seat Tightness Released By The Central Section Is Still Intact, Valves, Replaceable To Provide Supplementary Platform Embedded Copper Nut Products Convenient Automatic Actuator

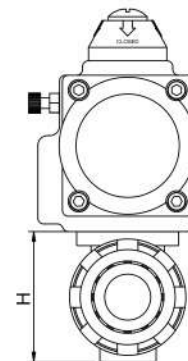
Pneumatic Actuator

Double acting	Air to open, air to close, air supply failure to keep the current position
Single Acting N/C	Air to open, interrupt air to close, air failure to close
Single Acting N/O	Air to close, interrupt air to open, air failure to open
Optional accessory	Reversing solenoid valve, limit switch box, air filter reducing valve, positioner, handle manual, lock up valve



Technical Parameters

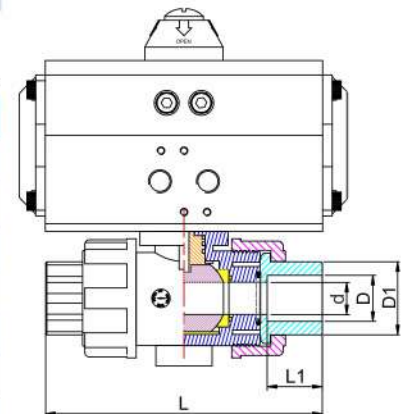
Body		Valve components	
Nominal Size	DN15~DN100	Seat Material	EPDM
Body Material	Plastic UPVC	Core Material	Plastic UPVC
Connection Type	Double union	Stem Material	SS304, SS410
Pressure Rating	PN1.0MPa PN1.6MPa	Applicable Medium	Water, Liquids, Gas, Oil, Powder, Steam, Acid-base Corrosive Medium.
Structure type	Floating ball core		



Qutine Size drawing

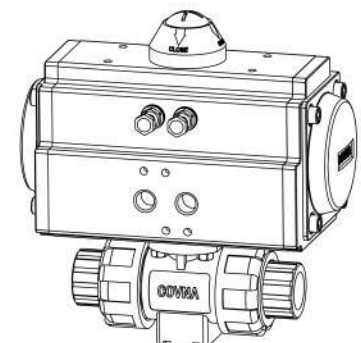
UNIT: mm

MEDLE	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
G	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
d	14	20	25	30	38	50	63	78	100
D	20	25	32	40	50	63	75	90	110
D1	30	36	45	55	64	77	96	112	141
L1	22.8	25	28.5	32	34.8	39	46	48	64.5
L	121.8	134.5	150.2	166.8	179	205	233	257	309
H	61	74	90	104	121	146	169	220	255
Weight (Kg)	1.68	1.78	1.93	2.16	3.68	4.28	5.78	9.38	13.88
Actuator	AT52	AT52	AT52	AT52	AT63	AT63	AT75	AT83	AT105



Maintenance

- Tightening the seal between the valve and the actuator:
Remove the four bolts underneath the actuator. Separate the actuator from the valve. Tighten the nut on the top of the valve body. Place the actuator back on the valve and screw everything back into place.
- Tightening the seals between the valve and the inlet/outlet ports:
Remove the torque bolts and check for any debris or damage to the gaskets. Use a torque wrench or other consistent method of tightening the torque bolts to reconnect the inlet and outlet ports.



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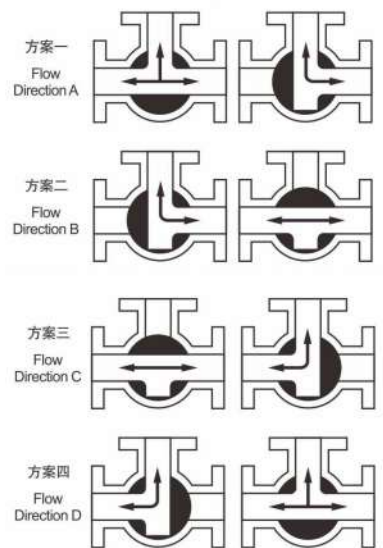
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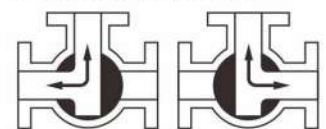
Technical Parameters

Body		Valve components	
Nominal Size	DN15~DN50	Seat Material	EPDM
Body Material	Plastic UPVC	Core Material	Plastic UPVC
Connection Type	Double union	Stem Material	SS304, SS410
Pressure Rating	PN1.0MPa PN1.6MPa	Applicable Medium	Water, Liquids, Gas, Oil, Powder, Steam, Acid-base Corrosive Medium.
Structure type	Floating ball core 3 way L-type/ T-type ball valve		

T-Pattern Flow Direction Diagram



L-Pattern Flow Direction Diagram



Qutine Size drawing

UNIT: mm

MEDLE	DN15	DN20	DN25	DN32	DN40	DN50
G	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
d	14	22	25	25	38	38
D	20	25	32	40	50	63
D1	30	36	45	55	64	77
L1	22	24.5	28	32	35	38
L	137	172	200	208	240	246
H	53	65	68	68	92	92
Actuator	AT52	AT52	AT63	AT63	AT75	AT83

Maintenance

- Tightening the seal between the valve and the actuator:
Remove the four bolts underneath the actuator. Separate the actuator from the valve.
Tighten the nut on the top of the valve body.
Place the actuator back on the valve and screw everything back into place.
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